



Winston H. Hickox
Agency Secretary

Air Resources Board

Alan C. Lloyd, Ph.D.
Chairman

1001 I Street • P.O. Box 2815 • Sacramento, California 95812 • www.arb.ca.gov



Gray Davis
Governor

May 24, 2002

#02-06-A

Mr. Lee Christensen
Vice President of Operations
E.J. Ward, Inc.
8801 Tradeway
P.O. Box 17888
San Antonio, Texas 78217-0888

Dear Mr. Christensen:

This approval letter 02-06-A supersedes the approval letter 02-06 dated May 2, 2002. This document has been modified to include, where Healy nozzles are concerned, installation on which only the top mounted RF Module is approved.

Thank you for requesting California Air Resources Board (CARB) approval of the E.J. Ward RF Module (part number NOZ-RF) for use on vapor recovery nozzles. The RF Module is a self-contained (wireless) box that transmits information from vehicle to dispenser through use of radio frequency. The RF Module is externally mounted on vapor recovery nozzles and secured by two UV-resistant nylon tie wraps.

CARB staff has reviewed all information submitted and conducted visual inspections of three installed RF Modules. CARB staff has also evaluated these three installed RF Modules to verify that they do not interfere with the dispenser when hung and when fueling a vehicle. Based on our evaluation, we find the use of the RF Module, when installed in accordance with the manufacturer recommended instructions, will not adversely affect the vapor recovery systems on which they are installed. Following the manufacturer installation instructions the RF Module can be installed on balance and assist vapor recovery nozzles in the top or left side position. The one exception is Healy nozzles, on which only the top mounted RF Module is approved.



The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

Mr. Lee Christensen
May 24, 2002
Page 2


As required by California State Law (H&SC Section 41955), the approval of three State agencies are a prerequisite to certification by CARB. The appropriate letters of approval have been received and are listed as follows:

1. Department of Food and Agriculture
Division of Measurement Standards
October 24, 2001
2. Department of Industrial Relations
Division of Occupational Safety and Health
March 20, 2002
3. Department of Forestry and Fire Protection
Office of the State Fire Marshall
April 18, 2002

Based on our evaluation and approvals by the three state agencies, the E.J. Ward RF Module (part number NOZ-RF) is approved for use on vapor recovery nozzles.

If you have questions or need further information, please contact Oscar Lopez at (916) 323-1161 or via email at olopez@arb.ca.gov or Laura McKinney at (916) 327-0900 or via email at lmckinne@arb.ca.gov.

Sincerely,



William V. Loscutt, Chief
Monitoring and Laboratory Division

cc: Markay Fessenden, E.J. Ward, Inc.
Ben Bonachea, E.J. Ward, Inc.